

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of SHIRAI, Masato et al

International Serial No.: PCT/JP2004/015481

International Filing date: October 20, 2004

For: ADHESIVE PATCH FOR EXTERNAL USE ON SKIN

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks
Washington D.C. 20231

Sirs:

KUZUWA, Kiyoshi residing at T & T Bldg., 8-21, Tomihisa-cho, Shinjuku-ku, Tokyo, Japan, declares:

- (1) that he knows well both Japanese and English languages;
- (2) that he translated the above-identified International Application from Japanese to English;
- (3) that the attached English translation is a true and correct translation of the above-identified International Application to the best of his knowledge and belief; and
- (4) that all statements made of his own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 USC 1001, and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

March 29, 2006 K. Kuzuwa

Date

KUZUWA, Kiyoshi

[Kind of Document]

Specification

[Title of the Invention]

ADHESIVE PATCH FOR EXTERNAL USE ON
SKIN

[Claim]

[Claim 1] A pressure-sensitive adhesive composition which comprises three ingredients, i.e., polyisoprene, a styrene/isoprene/styrene copolymer, and solid polyisobutylene, in a proportion of (10-60)/(10-50)/(20-60) by weight and further contains a non-solid isobutylene polymer and a tackifier, characterized in that the amount of the non-solid isobutylene polymer is 1 to 30 pts.wt., excluding 30 pts.wt., per 100 pts.wt. of the sum of the three ingredients, i.e., polyisoprene, a styrene/isoprene/styrene copolymer, and solid polyisobutylene.

[Claim 2] The pressure-sensitive adhesive composition according to claim 1, wherein the viscosity average molecular weight of the solid polyisobutylene is not less than 900,000.

[Claim 3] The pressure-sensitive adhesive composition according to claims 1 or 2, wherein the viscosity average molecular weight of the non-solid polyisobutylene is not more than 70,000.

[Claim 4] The pressure-sensitive adhesive composition according to any one of claims 1-3, wherein the blend amount of the tackifier is in a proportion of 10-80 pts.wt.

[Claim 5] The pressure-sensitive adhesive composition according to any one of claims 1-4, wherein the tackifier is one or more kinds